

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DESIGN OVERSIGHT

BEHZAD GOLEMOHAMMADI

REVISIONS

NO.	DATE	BY	REVISION
1	03/08/10	FW	REVISED BY DATE
2	05/06/2010	FW	DATE REVISED



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER

SYN YEE CHIN

No. 18186

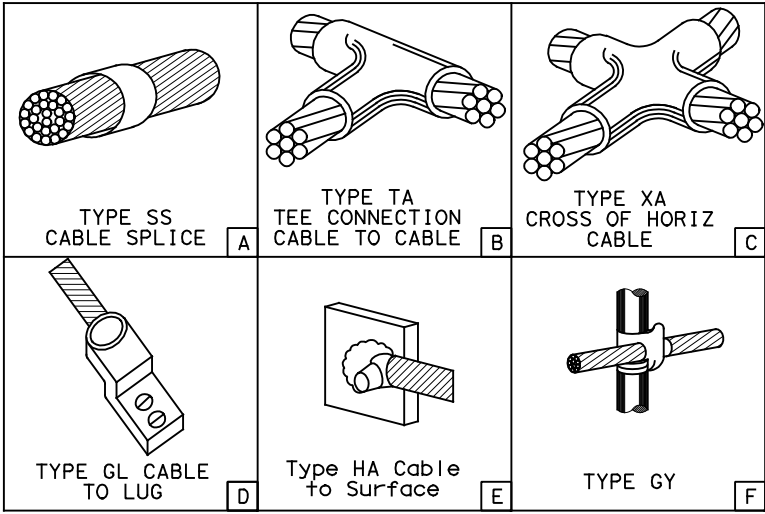
Exp. 09/30/2011

ELECTRICAL

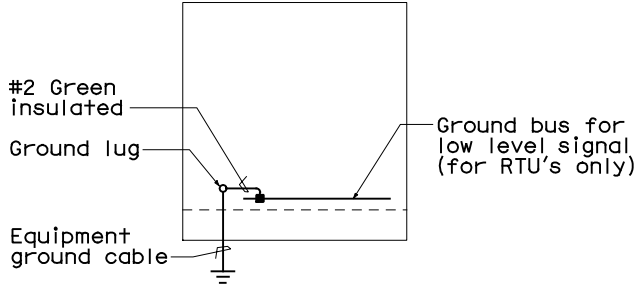
STATE OF CALIFORNIA

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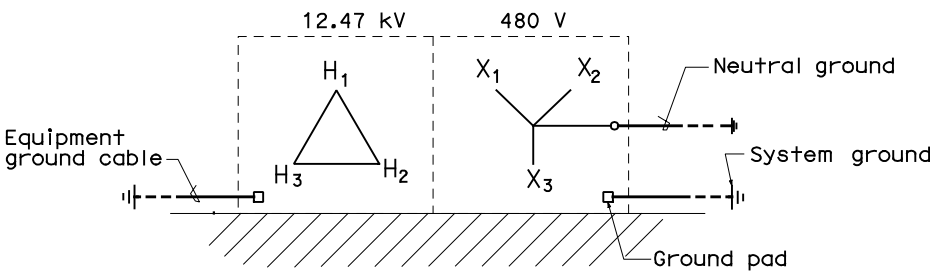
Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>



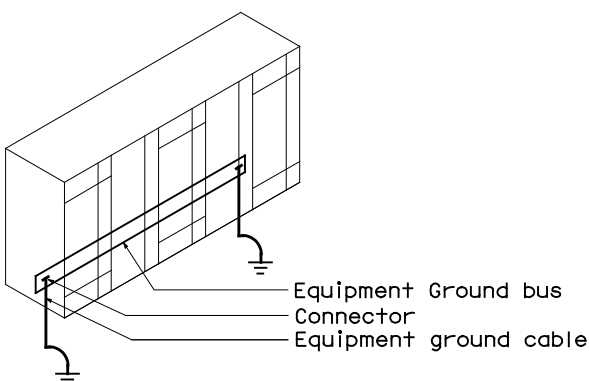
EXOTHERMIC CONNECTIONS (FIG. A THRU F)
DETAIL 1



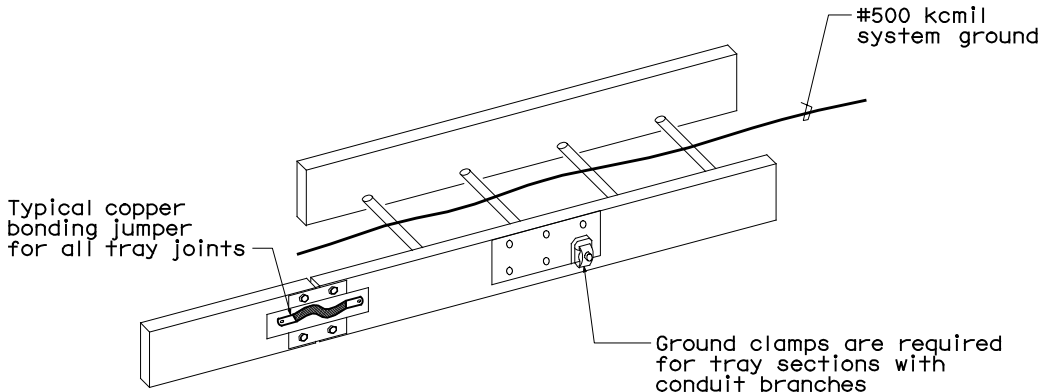
EQUIPMENT GROUND FOR
CONTROL CABINETS AND RTU'S
DETAIL 2



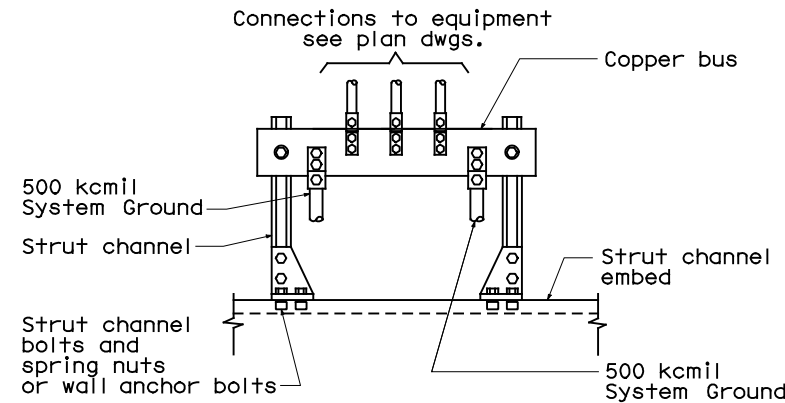
TRANSFORMER GROUNDING
DETAIL 3



All switchgear, low voltage control centers are furnished with a ground bus. Each end of the ground bus is grounded.
EQUIPMENT GROUND FOR SWITCHGEAR, LVCC
DETAIL 4



GROUNDING OF METALLIC 15kV CABLE TRAY
DETAIL 5



GROUND BAR
DETAIL 6

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE						
03/08/10	MEP	INTEGRATION	SYN	FW	110	
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#	
REVISIONS						

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

DETAILS
BRIDGE STRUCTURES GIRDER EASTBOUND
TYPICAL GROUNDING INSTALLATION-EB
NO SCALE

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

DGN FILE =>04-0120f1_E-840.dgn
USERNAME =>iloric

CU 04251
EA 0120F1

DATE PLOTTED => 06-MAY-2010
TIME PLOTTED => 18:27
LAST REVISION
00-00-00